

Claims

1. A laminate composite sheet comprising:
 - a two-ply base layer comprised of a bottom ply and a top ply, wherein the bottom ply is comprised of unbleached cellulosic fibers and wherein the top ply is comprised of bleached or brightened cellulosic fibers;
 - a further layer attached to the top ply with a layer of adhesive; said further layer having a top and a bottom surface, said further layer selected from the group consisting of paper or film; said layer of adhesive containing no pigment, and said top surface of said further layer having no coating.
2. The composite sheet of claim 1 wherein said sheet is capable of making products having high quality graphics.
3. The composite sheet of claim 1 wherein said unbleached cellulosic fibers are selected from the group consisting of unbleached virgin kraft pulp and unbleached recycled pulp.
4. The composite sheet of claim 1 wherein said bottom ply is substantially thicker than said top ply.
5. The composite sheet of claim 1 wherein the top ply has a brightness of above 60 ISO.
6. The composite sheet of claim 1 wherein the top ply has enhanced smoothness.
7. The composite sheet of claim 3 wherein the adhesive is a barrier for moisture, oil and odor.
8. The composite sheet of claim 1 wherein the paper sheet is a publication grade paper.

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 - a further layer attached to the top ply with a layer of adhesive; said further layer having a top and a bottom surface, said further layer selected from the group consisting of paper or film; said layer of adhesive containing no pigment, and said top surface of said further layer having no coating.
2. The composite sheet of claim 1 wherein said sheet is capable of making products having high quality graphics.
3. The composite sheet of claim 1 wherein said unbleached cellulosic fibers are selected from the group consisting of unbleached virgin kraft pulp and unbleached recycled pulp.
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5. The composite sheet of claim 1 wherein the top ply has a brightness of above 60 ISO.
6. The composite sheet of claim 1 wherein the top ply has enhanced smoothness.
7. The composite sheet of claim 3 wherein the adhesive is a barrier for moisture, oil and odor.
8. The composite sheet of claim 1 wherein the paper sheet is a publication grade paper.